

Portland AIRPORT: Holiday Weather: Averages and Extremes (1940-2019 data)

New Year's Day		Frequency of Max T (total days and percentage)					Frequency Rain		
Averages	Max T	44°	≤ 32	in 30s	in 40s	in 50s	≥ 60	Days	as %
	Min T	34°	4	15	46	15	1	45	58 %
	Rain	0.21"	5 %	19 %	59 %	19 %	1 %	(days w ≥ 0.01")	
<i>warmest Max T</i> 60°			1981			<i>wettest</i>	2.49"	2009	
<i>coolest Max T</i> 21°			1979			<i>driest</i>	0.00"	2019 (last of many)	
<i>coldest morning</i> 14°			1979			<i>snowiest</i>	1.7"	2004	
Valentine's Day		Frequency of Max T (total days and percentage)					Frequency Rain		
Averages	Max T	50°	≤ 32	in 30s	in 40s	in 50s	≥ 60	Days	as %
	Min T	37 °	0	4	33	38	4	49	63 %
	Rain	0.14"	0 %	5 %	42 %	49 %	5 %	(days w ≥ 0.01")	
<i>warmest Max T</i> 63°			1977			<i>wettest</i>	0.76"	1947	
<i>coolest Max T</i> 34°			1990			<i>driest</i>	0.00"	2015 (last of many)	
<i>coldest morning</i> 16°			1995			<i>snowiest</i>	2.0"	1959	
April Fool's Day		Frequency of Max T (total days and percentage)					Frequency Rain		
Averages	Max T	58°	≤ 49	in 50s	in 60s	in 70s	≥ 80	Days	as %
	Min T	41°	2	53	18	6	0	48	62 %
	Rain	0.09"	3 %	68 %	23 %	8 %	0 %	(days w ≥ 0.01")	
<i>warmest Max T</i> 79°			1987			<i>wettest</i>	0.39"	1996	
<i>coolest Max T</i> 49°			1968			<i>driest</i>	0.00"	2019 (last of many)	
<i>coldest morning</i> 30°			1971			<i>snowiest</i>	-	-	
Easter Sunday		Frequency of Max T (total days and percentage)					Frequency Rain		
Averages	Max T	60°	≤ 49	in 50s	in 60s	in 70s	≥ 80	Days	as %
	Min T	42°	3	45	22	7	2	45	58 %
	Rain	0.12"	4 %	58 %	28 %	9 %	3 %	(days w ≥ 0.01")	
<i>warmest Max T</i> 82°			15 Apr 1990			<i>wettest</i>	1.17"	27 Mar 2005	
<i>coolest Max T</i> 46°			4 Apr 1999			<i>driest</i>	0.00"	2019 (last of many)	
<i>coldest morning</i> 30°			2 Apr 1972			<i>snowiest</i>	-	-	
Mother's Day		Frequency of Max T (total days and percentage)					Frequency Rain		
Averages	Max T	67°	≤ 59	in 60s	in 70s	in 80s	≥ 90	Days	as %
	Min T	47°	20	30	18	9	2	33	42 %
	Rain	0.06"	26 %	38 %	23 %	12 %	3 %	(days w ≥ 0.01")	
<i>warmest Max T</i> 92°			13 May 1973			<i>wettest</i>	0.63"	14 May 1978	
<i>coolest Max T</i> 53°			9 May 1999			<i>driest</i>	0.00"	2019 (last of many)	
<i>coldest morning</i> 36°			13 May 1956			<i>snowiest</i>	-	-	
Memorial Day		Frequency of Max T (total days and percentage)					Frequency Rain		
Averages	Max T	69°	≤ 59	in 60s	in 70s	in 80s	≥ 90	Days	as %
	Min T	51°	11	35	27	6	0	31	40 %
	Rain	0.11"	14 %	45 %	35 %	8 %	0 %	(days w ≥ 0.01")	
<i>warmest Max T</i> 89°			29 May 2017			<i>wettest</i>	1.08"	31 May 1993	
<i>coolest Max T</i> 54°			31 May 1971			<i>driest</i>	0.00"	2018 (last of many)	
<i>coldest morning</i> 40°			30 May 1955			<i>snowiest</i>	-	-	

Portland AIRPORT: Holiday Weather: Averages and Extremes (1940-2019 data)

Father's Day		Frequency of Max T (total days and percentage)					Frequency Rain		
Averages	Max T	74°	≤ 59	in 60s	in 70s	in 80s	≥ 90	Days	as %
	Min T	53°	1	21	38	13	5	21	27 %
	Rain	0.04"	1 %	27 %	49 %	17 %	6 %	(days w ≥ 0.01")	
warmest Max T			96°	21 Jun 1992		wettest	0.54"	18 Jun 1994	
coolest Max T			59°	20 Jun 2010		driest	0.00"	2016 (last of many)	
coldest morning			45°	19 Jun 1955		snowiest	-	-	
July 4 th		Frequency of Max T (total days and percentage)					Frequency Rain		
Averages	Max T	77°	≤ 59	in 60s	in 70s	in 80s	≥ 90	Days	as %
	Min T	55°	0	18	28	25	7	17	22 %
	Rain	0.02"	0 %	23 %	36 %	32 %	9 %	(days w ≥ 0.01")	
warmest Max T			97°	1972		wettest	0.21"	1998	
coolest Max T			61°	1964		driest	0.00"	2017 (last of many)	
coldest morning			48°	1977		snowiest	-	-	
Labor Day Monday		Frequency of Max T (total days and percentage)					Frequency Rain		
Averages	Max T	78°	≤ 59	in 60s	in 70s	in 80s	≥ 90	Days	as %
	Min T	54°	0	10	33	24	10	10	13 %
	Rain	0.04"	0 %	13 %	43 %	31 %	13 %	(days w ≥ 0.01")	
warmest Max T			99°	7 Sept 1981		wettest	1.18"	3 Sept 1945	
coolest Max T			62°	1 Sept 1941		driest	0.00"	2017 (last of many)	
coldest morning			42°	7 Sept 1992		snowiest	-	-	
Halloween		Frequency of Max T (total days and percentage)					Frequency Rain		
Averages	Max T	57°	≤ 39	in 40s	in 50s	in 60s	≥ 70	Days	as %
	Min T	43°	0	7	41	29	1	41	53 %
	Rain	0.21"	0 %	9 %	53 %	38 %	1 %	(days w ≥ 0.01")	
warmest Max T			71°	1954		wettest	2.44"	1994	
coolest Max T			44°	1955		driest	0.00"	2017 (last of many)	
coldest morning			28°	1995		snowiest	-	-	
Thanksgiving Day		Frequency of Max T (total days and percentage)					Frequency Rain		
Averages	Max T	50°	≤ 32	in 30s	in 40s	in 50s	≥ 60	Days	as %
	Min T	37°	1	2	33	39	3	46	60 %
	Rain	0.34"	1 %	3 %	43 %	51 %	4 %	(days w ≥ 0.01")	
warmest Max T			64°	24 Nov 1949		wettest	2.31"	24 Nov 1960	
coolest Max T			27°	28 Nov 1985		driest	0.00"	2015 (last of many)	
coldest morning			20°	27 Nov 1952		snowiest	Trace	1988, 1978, 1964	
Christmas Day		Frequency of Max T (total days and percentage)					Frequency Rain		
Averages	Max T	45°	≤ 32	in 30s	in 40s	in 50s	≥ 60	Days	as %
	Min T	35°	1	15	46	15	2	47	61 %
	Rain	0.18"	1 %	19 %	60 %	19 %	3 %	(days w ≥ 0.01")	
warmest Max T			64°	1980		wettest	1.73"	1980	
coolest Max T			31°	1983		driest	0.00"	2016 (last of many)	
coldest morning			19°	1990		snowiest	0.9"	2008	

Portland DOWNTOWN: Holiday Weather: Averages and Extremes (1874-2019 data)

New Year's Day		Frequency of Max T (total days and percentage)					Frequency Rain		
Averages	Max T	44°	≤ 32	in 30s	in 40s	in 50s	≥ 60	Days	as %
	Min T	35°	11	35	70	33	1	89	62 %
	Rain	0.25"	8 %	24 %	48 %	23 %	1 %	(days w ≥ 0.01")	
<i>warmest Max T</i>			60°	1981			<i>wettest</i>	2.11"	1933
<i>coolest Max T</i>			20°	1979			<i>driest</i>	0.00"	2019 (last of many)
<i>coldest morning</i>			12°	1979			<i>snowiest</i>	6.0"	1901
Valentine's Day		Frequency of Max T (total days and percentage)					Frequency Rain		
Averages	Max T	49°	≤ 32	in 30s	in 40s	in 50s	≥ 60	Days	as %
	Min T	37°	3	7	63	65	6	92	63 %
	Rain	0.17"	2 %	5 %	43 %	44 %	4 %	(days w ≥ 0.01")	
<i>warmest Max T</i>			64°	1991, 1977			<i>wettest</i>	1.24"	1939
<i>coolest Max T</i>			25°	1923			<i>driest</i>	0.00"	2015 (last of many)
<i>coldest morning</i>			10°	1884			<i>snowiest</i>	5.7"	1923
April Fool's Day		Frequency of Max T (total days and percentage)					Frequency Rain		
Averages	Max T	58°					Days	as %	
	Min T	43°	11	83	42	8	1	78	53 %
	Rain	0.11"	7 %	56 %	28 %	5 %	1 %	(days w ≥ 0.01")	
<i>warmest Max T</i>			81°	1987			<i>wettest</i>	1.36"	1875
<i>coolest Max T</i>			37°	1936			<i>driest</i>	0.00"	2019 (last of many)
<i>coldest morning</i>			31°	1936			<i>snowiest</i>	5.2"	1936
Easter Sunday		Frequency of Max T (total days and percentage)					Frequency Rain		
Averages	Max T	60°	≤ 49	in 50s	in 60s	in 70s	≥ 80	Days	as %
	Min T	43°	8	80	41	11	4	83	56 %
	Rain	0.12"	5 %	54 %	28 %	7 %	3 %	(days w ≥ 0.01")	
<i>warmest Max T</i>			84°	23 Apr 1905			<i>wettest</i>	1.14"	28 Mar 1875
<i>coolest Max T</i>			45°	4 Apr 1999			<i>driest</i>	0.00"	2017 (last of many)
<i>coldest morning</i>			31°	29 Mar 1891			<i>snowiest</i>	Trace	23 Mar 1913
Mother's Day		Frequency of Max T (total days and percentage)					Frequency Rain		
Averages	Max T	67°	≤ 59	in 60s	in 70s	in 80s	≥ 90	Days	as %
	Min T	48°	33	62	26	19	3	59	40 %
	Rain	0.07"	22 %	42 %	18 %	13 %	2 %	(days w ≥ 0.01")	
<i>warmest Max T</i>			95°	14 May 1939			<i>wettest</i>	0.86"	14 May 1978
<i>coolest Max T</i>			52°	10 May 1970			<i>driest</i>	0.00"	2019 (last of many)
<i>coldest morning</i>			36°	12 May 1985			<i>snowiest</i>	-	-
Memorial Day		Frequency of Max T (total days and percentage)					Frequency Rain		
Averages	Max T	69°	≤ 59	in 60s	in 70s	in 80s	≥ 90	Days	as %
	Min T	51°	19	68	39	12	5	55	37 %
	Rain	0.06"	13 %	46 %	26 %	8 %	3 %	(days w ≥ 0.01")	
<i>warmest Max T</i>			93°	30 May 1931, 1907			<i>wettest</i>	0.80"	31 May 1993
<i>coolest Max T</i>			52°	30 May 1895			<i>driest</i>	0.00"	2018 (last of many)
<i>coldest morning</i>			41°	30 May 1880			<i>snowiest</i>	-	-

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Father's Day		Frequency of Max T (total days and percentage)					Frequency Rain	
		≤ 59	in 60s	in 70s	in 80s	≥ 90	Days	as %
Averages	Max T	73°						
	Min T	53°	4	48	64	24	43	29 %
	Rain	0.04"	3 %	33 %	44 %	16 %	3 %	(days w ≥ 0.01")
warmest Max T	94°	15 Jun 1930			wettest	0.59"	21 Jun 1931	
coolest Max T	56°	18 Jun 1893			driest	0.00"	2016 (last of many)	
coldest morning	43°	17 Jun 1984			snowiest	-	-	

July 4 th		Frequency of Max T (total days and percentage)					Frequency Rain	
		≤ 59	in 60s	in 70s	in 80s	≥ 90	Days	as %
Averages	Max T	76°						
	Min T	55°	0	36	57	38	24	16 %
	Rain	0.02"	0 %	24 %	39 %	26 %	7 %	(days w ≥ 0.01")
warmest Max T	96°	1972			wettest	0.44"	1986	
coolest Max T	62°	1902			driest	0.00"	2018 (last of many)	
coldest morning	45°	1901			snowiest	-	-	

Labor Day Monday		Frequency of Max T (total days and percentage)					Frequency Rain	
		≤ 59	in 60s	in 70s	in 80s	≥ 90	Days	as %
Averages	Max T	76°						
	Min T	55°	2	34	44	36	7	20 %
	Rain	0.08"	2 %	27 %	44 %	36 %	7 %	(days w ≥ 0.01")
warmest Max T	100°	7 Sep 1981			wettest	1.68"	4 Sep 1911	
coolest Max T	58°	4 Sep 1911			driest	0.00"	2017 (last of many)	
coldest morning	44°	2 Sep 1901			snowiest	-	-	

Halloween		Frequency of Max T (total days and percentage)					Frequency Rain	
		≤ 39	in 40s	in 50s	in 60s	≥ 70	Days	as %
Averages	Max T	57°						
	Min T	45°	1	10	89	41	1	51 %
	Rain	0.19"	1 %	7 %	62 %	29 %	1 %	(days w ≥ 0.01")
warmest Max T	71°	1954			wettest	2.68"	1994	
coolest Max T	35°	1935			driest	0.00"	2017 (last of many)	
coldest morning	29°	1935			snowiest	Trace	1935	

Thanksgiving Day		Frequency of Max T (total days and percentage)					Frequency Rain	
		≤ 32	in 30s	in 40s	in 50s	≥ 60	Days	as %
Averages	Max T	50°						
	Min T	39°	1	7	64	64	6	57 %
	Rain	0.27"	1 %	5 %	45 %	45 %	4 %	(days w ≥ 0.01")
warmest Max T	65°	24 Nov 1949			wettest	2.64"	24 Nov 1960	
coolest Max T	28°	26 Nov 1896			driest	0.00"	2015 (last of many)	
coldest morning	19°	26 Nov 1896			snowiest	2.0"	24 Nov 1887	

Christmas Day		Frequency of Max T (total days and percentage)					Frequency Rain	
		≤ 32	in 30s	in 40s	in 50s	≥ 60	Days	as %
Averages	Max T	45°						
	Min T	36°	5	25	74	36	2	64 %
	Rain	0.23"	3 %	17 %	52 %	25 %	1 %	(days w ≥ 0.01")
warmest Max T	62°	1980			wettest	1.82"	1980	
coolest Max T	25°	1884			driest	0.00"	2016 (last of many)	
coldest morning	13°	1924			snowiest	1.3"	1937	

Portland (Airport) Normals (1981-2010), Means & Extremes (1940-2019)

Lat: 45° 35' 27" N

Long: 122° 36' 01" W

Field Elevation: 19 feet MSL

Barometer Elev: 223 feet MSL

Element	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
MAX: Normal Daily	47.0	51.3	56.7	61.4	68.0	73.5	80.6	81.1	75.8	63.8	52.8	45.6	63.1
Warmest Daily MAX Year of Occurrence	66 2005	71 1988	80 1947	90 1998	100 1983	102 2006	107 1965	107 1981	105 1988	92 1987	73 1975	65 1983	107 1981 ¹
Coldest Daily MAX Year of Occurrence	16 1950	15 1989	29 1960	42 1963	49 1964	53 1964	60 1980	58 1956	52 2019	43 1991	25 1985	14 1968	14 1968
MIN: Normal Daily	35.8	36.3	39.6	43.1	48.6	53.6	57.8	58.0	53.1	46.0	40.5	35.2	45.6
Coldest Daily MIN Year of Occurrence	-2 1950	-3 1950	19 1989	29 1955	29 1954	39 1966	43 1955	44 1980	34 1965	26 1971	13 1985	6 1964	-3 1950
Warmest Daily MIN Year of Occurrence	55 2011	54 1972	58 2007	57 1998	62 2008	71 2015	74 2009	69 2014	66 2017	63 2003	63 2006	60 1980	74 2009
MEAN: Normal Daily	41.4	43.8	48.2	52.3	58.3	63.6	69.2	69.5	64.5	54.9	46.6	40.4	54.4
Normal Number of Days with Temperature of :													
Maximum ≥ 90°	0	0	0	0	< 1	1	4	4	2	< 1	0	0	12
Maximum ≥ 80°	0	0	0	1	4	7	16	17	10	1	0	0	54
Maximum ≤ 32°	1	< 1	0	0	0	0	0	0	0	0	< 1	1	2
Minimum ≤ 32°	8	7	2	1	0	0	0	0	0	< 1	3	9	30
Normal Heating Deg. Days	732	594	522	383	224	91	17	10	76	315	551	763	4278
Normal Cooling Deg. Days	0	0	0	1	16	47	147	152	59	2	0	0	424
Normal Relative Humidity (%)													
at 4 am	85	85	86	86	85	83	81	82	86	90	88	86	85 %
at 10 am	82	80	76	70	67	64	62	64	67	77	83	83	73 %
at 4 pm	74	66	60	56	53	50	45	43	47	59	74	77	59 %
At 10 pm	83	80	78	75	73	70	67	68	73	82	84	84	76 %
% Possible Sunlight Rcvd	28	38	48	52	57	56	69	66	62	44	28	23	48
Average Number of Days with:													
Heavy Fog (vis ≤ ¼ mi)	4.8	3.8	2.1	0.9	0.2	0.1	0	0.1	1.4	5.8	5.6	4.3	29.1
Thunderstorms	0	0.1	0.5	1.0	1.4	0.8	0.8	0.8	0.7	0.4	0.3	0	6.8
Average Days that are:													
Clear	2.9	2.9	3.3	3.5	5.0	6.2	12.6	11.4	10.3	5.4	2.8	2.1	68.4
Partly Cloudy	3.6	3.8	4.9	5.8	7.2	7.7	8.5	9.6	8.1	7.6	4.3	3.3	74.4
Cloudy	24.4	21.5	22.8	20.7	18.9	16.1	9.9	10.1	11.6	18.0	22.9	25.5	222.4
Avg Daylight Sky Cover²	6.7	6.6	6.4	6.2	5.8	5.4	3.8	4.0	4.3	5.6	6.4	6.8	5.7
Avg Wind Speed (mph)	9.3	8.7	7.7	7.1	6.7	7.0	7.2	6.8	6.2	6.3	8.0	9.3	7.5
Dominant Direction													
SE	SE	SE	NW	NW	NW	NW	NW	NW	SE	SE	SE	NW	
Highest Sustained Wind Direction of Sustained Year of Occurrence	54 1951	61 1958	57 1963	60 1957	42 1960	40 1958	33 1983	29 1961	61 1963	88 1962	56 1961	57 1951	88 1962
Strongest Wind Gust Direction of Gust Year of Occurrence	70 1951	76 1955	71 1971	73 1973	51 1956	55 1958	43 2009	43 2015	66 1963	104 1962	71 1981	74 1995	104 1962
Normal Precipitation (in)	4.88	3.66	3.68	2.73	2.47	1.70	0.65	0.67	1.47	3.00	5.63	5.49	36.03
Monthly Maximum Year of Occurrence	12.83 1953	10.36 2017	7.89 2012	5.26 1993	5.55 1998	4.27 2010	2.68 1983	4.53 1968	5.62 2013	8.41 1994	11.92 2006	15.24 2015	63.20 1996
Monthly Minimum Year of Occurrence	0.06 1985	0.72 1993	1.10 1965	0.53 1956	0.10 1992	0.03 1951	0.00 1967	Trace 2012	Trace 1993	0.19 1988	0.77 1976	1.38 1976	22.48 1985
Max Rain in 24 hours Year of Occurrence	3.13 2009	2.46 1994	1.88 2015	1.47 1962	1.47 1968	1.82 1958	1.09 1978	1.54 1977	2.38 1982	4.44 1994	4.10 1996	3.22 2015	4.44 1994
Norm. Days w/≥ 0.01 rain	18	15	18	16	14	9	4	4	7	13	19	19	155
Norm. Days w/ ≥1" rain	0.5	0.4	0.2	0.1	0.1	0.2	0	0.1	0.2	0.3	0.8	0.9	3.8
Normal Snow (in)	1.4	1.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.5	4.6
1940-2019 Average³	2.9	1.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.4	6.0	

¹Most recent occurrence listed.²Sky Cover in OKTAs, or eighths of sky cover.³Period of record is Oct 1940-Dec 2019.

Notes: